

## Book D

### Bathymetry Profiles

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Nothing is known about the bathymetry recording during the 1970 seismic survey. [Wold](#) (1982) does not mention a bathymetric recorder, and his photographs of the field equipment do not show bathymetry equipment. Arnold [Silverman](#), University of Montana Geosciences Department faculty member in the 1960's and 1970's, with the help of David Pevear and perhaps other students, had been recording bathymetry in the lake for some time prior to the 1970 Wold-Crosby reflection seismic survey. The bathymetric sections from the Wold-Crosby program might have been recorded with the [Silverman equipment](#).

The bathymetric sections appear to be displayed in depth in units of feet. Along lines that crossed the deeper parts of the lake, the depth images wrap around in order to maintain a constant depth scale. These bathymetric sections can be a valuable resource in resolving time zero and timing line spacing issues on some of the field recordings and the redisplayed seismic sections.

The bathymetric sections were recorded on a paper with a metallic coating, which is in contrast to the wet-paper chart recorder used for recording the seismic data in the field.

### References Cited

Wold, R. J., 1982, Reflection seismic study of Flathead Lake, Montana, USGS Miscellaneous Field Studies Map MF-1433: US Geological Survey. (URL: <https://pubs.usgs.gov/mf/1433/plate-1.pdf>)

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